

**ABSTRACT**

In general, a pressure rail having a top surface and a bottom surface  
5 and one or more pressure inlets to a pressure channel can be located within  
the pressure rail. The pressure channel can be drilled into the pressure rail.  
A plurality of patch depressions can be formed into a plurality of sealing  
surfaces on the top surface of the pressure rail upon which a patch is  
positioned. A plurality of antenna blocks is generally disposed upon the  
10 pressure rail, wherein each antenna block thereof includes at least two  
antennas. Two antennas can be connected to a respective antenna block  
among the plurality of antenna blocks utilizing a silicone adhesive. Each  
antenna block is respectively located on the pressure rail in order to provide  
wireless data indicative of pressure and temperature conditions associated  
15 with each patch among the plurality of patches.